

ABSTRACT

A method and system is disclosed to improve the ability of a machine vision system to distinguish desired features of a target by taking images of the target under different one or more lighting conditions and using image analysis to extract information of interest about the target. Ultraviolet light is used alone or in connection with direct on-axis and/or low angle lighting to highlight different features of the target. One or more filters disposed between the target and the camera help to filter out unwanted light from the one or more images taken by the camera. The images may be analyzed by conventional image analysis techniques and the results recorded or displayed on a computer display device.